

## EAST Search History

TW

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	3832	(704/200.1 704/205-207 704/225 704/201 381/106).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 09:43
S1	3	08/870426	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 09:20
S2	160	(704/200.1.ccls. 704/205.ccls. 704/500.ccls. 704/225.ccls.) and (subband band sub\$band) and (dynamic near4 range)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/12 15:49
S3	96	(704/200.1.ccls. 704/205.ccls. 704/500.ccls. 704/225.ccls.) and (subband band sub\$band) and (dynamic near4 range) and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 16:36
S4	8	(704/200.1.ccls. 704/205.ccls. 704/500.ccls. 704/225.ccls.) and (subband band sub\$band) and ((dynamic near4 range) with subband) and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 09:48
S5	11	(704/200.1.ccls. 704/205.ccls. 704/500.ccls. 704/225.ccls.) and (subband band sub\$band) and (dynamic near4 range) and ((nonlinear non\$linear) with gain)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 09:53
S6	1	(704/200.1.ccls. 704/205.ccls. 704/500.ccls. 704/225.ccls.) and (subband band sub\$band) and (dynamic near4 range) and gain and (attack near3 rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/13 10:46
S7	0	"wo 98/56210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 12:12
S8	0	98/56210	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 12:12
S9	2	"wo 9856210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 12:21

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S10	2	09/669069	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 12:23
S11	0	PCT/US00/42777	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 14:42
S12	4	claesson near3 leif	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 12:24
S13	2	09/927578	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 14:28
S14	2	mp3 and (NATL "negative attack time limiter") and ("release rate" and "attack rate")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 17:57
S15	2	audio and (NATL "negative attack time limiter") and ("release rate" and "attack rate")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 16:46
S16	1	(704/200.1.ccls. 704/205.ccls. 704/500.ccls. 704/225.ccls.) and (subband band sub\$band) and (dynamic near4 range) and gain and (future near3 samples)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 16:40
S17	11	(704/200.1.ccls. 704/205.ccls. 704/500.ccls. 704/225.ccls.) and (subband band sub\$band) and (dynamic near4 range) and gain and (attack near4 time)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 16:41
S18	91690	NATL "negative attack time limiter"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 16:44
S19	3	"negative attack time limiter"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 16:44
S20	5	"attack time limiter"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 16:47

## EAST Search History

S21	0	(attack near4 time) with (future near4 sample)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 16:51
S22	0	(attack near4 time) with (subsequent near4 sample)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 16:47
S23	67	(attack near4 time) with (sample)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 16:47
S24	2	(attack near4 time) same ((subsequent future) near4 sample)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 16:52
S25	0	(attack near4 time) same ((following) near4 sample)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 16:52
S26	1	(attack near4 (rate time)) same ((following) near4 sample)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 16:52
S27	2	(attack near4 (rate time)) same ((subsequent future) near4 sample)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 16:53
S28	4	(limit near4 (gain)) same ((subsequent future) near4 sample)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 16:54
S29	8	(limit\$4 near4 (gain)) same ((subsequent future) near4 sample)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 17:05
S30	7	(limit\$4 near4 (gain)) same ((subsequent future next) near4 frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 17:07
S31	45	(limit\$4 near4 (gain)) same ((subsequent future next) near4 signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 17:09
S32	344	("automatic gain control" AGC) and audio and ((future next subsequent) near4 sample)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/12 10:48

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S33	53	("automatic gain control" AGC) and audio and (((future next subsequent) near4 sample) same gain)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 17:11
S34	0	(buffer) same ("release rate" and "attack rate")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 17:57
S35	13	(buffer) same ("release time" and "attack time")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/11 17:58
S36	278	("automatic gain control" AGC) and audio and ((feed near3 forward) feed\$forward)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/12 10:49
S37	89	("automatic gain control" AGC) and audio and ((feed near3 forward) feed\$forward) and (dynamic near3 range)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/12 11:01
S38	2	"6044162".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/12 11:01
S39	14	(704/200.1.ccls. 704/205.ccls. 704/500.ccls. 704/225.ccls.) and (subband band sub\$band) and (dynamic near4 range) and ((preset pre\$set predetermined pre\$determined) near4 gain)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/12 14:07
S40	231	audio and (subband band sub\$band) and (dynamic near4 range) and ((preset pre\$set predetermined pre\$determined) near4 gain)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/12 14:07
S41	153	audio and (subband band sub\$band) and (dynamic near4 range) and ((preset pre\$set predetermined pre\$determined) near2 gain)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/12 14:07
S42	88	audio and (subband band sub\$band) and (dynamic near4 range) and ((preset pre\$set predetermined pre\$determined) adj gain)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/12 14:12

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S43	50	audio and (subband band sub\$band) and (dynamic near4 range) and ((preset pre\$set predetermined pre\$determined) near2 gain) and (gain near4 inverse)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/12 14:12
S44	10	(704/200.1.ccls. 704/205.ccls. 704/500.ccls. 704/225.ccls.) and (subband band sub\$band) and (dynamic near4 range) and (crossover cross\$over)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/12 15:57
S45	7	audio and (subband band sub\$band) and (dynamic near4 range) and ((two\$way three\$way) near4 (crossover cross\$over))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/12 15:58
S46	14	("4891839" or "4901307" or "5321514" or "6118878" or "6418303" or "6038435" or "5771301").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/13 10:51
S47	4	"5303306".pn. "6285767".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/13 10:55
S48	13	octiv near2 inc	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/13 11:11
S49	10	((cleasson near3 leif) (keith near3 mcmillen) (richard near3 hodes) (timothy near3 carroll)) and audio	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/13 11:13
S51	210	(feedback feed\$back) with (AGC (automatic near3 gain near3 control)) same threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 09:21
S52	1	S51 and "704"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 09:21
S53	43	"704"/\$.ccls. and (AGC (automatic near3 gain near3 control)) same threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 09:22
S54	12	"704"/\$.ccls. and (AGC (automatic near3 gain near3 control)) and (threshold same (feedback feed\$back))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 09:23



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S55	7	"704"/\$.ccls. and (AGC (automatic near3 gain near3 control)) and (threshold same (feedback feed\$back) same gain)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 09:32
S56	4661	(dynamic near4 range) and ((apply\$4 gain) same threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 09:33
S57	2726	(dynamic near4 range) and ((apply\$4 gain) with threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 09:33
S58	80	(dynamic near4 range) and ((apply\$4 gain) with threshold) and "704"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 09:33
S59	6	(dynamic near4 range) and ((apply\$4 near5 gain) with threshold) and "704"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 09:34
S60	65	(dynamic near4 range) and ((gain) with threshold) and "704"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 10:01
S61	7	(feedback with gain) and ((adjusted modified) near7 threshold) and (AGC (variable near3 gain) (automatic near3 gain near3 control)) and "704"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 10:02
S62	11	((adjusted modified) near4 (speech signal voice) near7 threshold)) and (AGC (variable near3 gain) (automatic near3 gain near3 control)) and "704"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 10:03
S63	11	((adjusted modified) near4 (speech signal voice)) near7 threshold) and (AGC (variable near3 gain) (automatic near3 gain near3 control)) and "704"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 10:24
S64	0	((automatic near4 gain near5 control) AGC) and (((overshoot\$4 overestimat\$4) near5 gain) with threshold) and "704"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 10:27
S65	1	((automatic near4 gain near5 control) AGC) and (((overshoot\$4 overestimat\$4) near5 gain) with threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 10:29

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S66	1	"704"/\$.ccls. and (((overshoot\$4 overestimat\$4) near5 gain) with threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 10:29
S67	9	"704"/\$.ccls. and ((automatic near4 gain near4 control) (variable near4 gain)) and (threshold same (amplify\$4 near5 (signal speech voice)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 10:34
S68	51	"704"/\$.ccls. and ((automatic near4 gain near4 control) (variable near4 gain)) same (feedback)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 10:36
S69	8	"704"/\$.ccls. and (automatic near4 gain near4 control) and initial near4 gain	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 10:47
S70	17	"704"/\$.ccls. and (automatic near4 gain near4 control) and estimate near4 gain	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 10:59
S71	0	"704"/\$.ccls. and (automatic near4 gain near4 control) and preliminary near4 gain	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 10:43
S72	9	"704"/\$.ccls. and (initial near4 gain) same threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 10:48
S73	0	"704"/\$.ccls. and (automatic near4 gain near4 control) and (preamplify pre-amplify)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 11:00
S74	53	(automatic near4 gain near4 control) and (preamplify pre-amplify)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 11:00
S75	35	"704"/\$.ccls. and (automatic near4 gain near4 control) and (preamplif\$5 pre-amplif\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 11:00
S76	3	(frequency near4 band) and (cascad\$ near5 low near4 pass) and (gain near4 control) and "704"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 17:33
S77	16	(frequency near4 band) and (cascad\$ near5 low near4 pass) and "704"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 16:56

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S78	27	(divid\$4 near6 (frequency near4 band)) same (LPF (low near4 pass)) and "704"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 17:01
S79	9	(low-pass (low near4 pass) LPF) with difference with ((high near5 pass) high-pass HPF) and (frequency near3 band) and "704"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 17:05
S80	15	(low-pass (low near4 pass) LPF) with difference with (input) and (frequency near3 band) and "704"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 17:06
S81	26	(cascad\$4 near5 ((low near4 pass) low-pass LPF)) and "704"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 17:12
S82	21	(series near5 ((low near4 pass) low-pass LPF)) and (frequency near4 band) and "704"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 17:10
S83	261	(cascad\$4 near5 ((low near4 pass) low-pass LPF)) same (bands)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 17:13
S84	83	(cascad\$4 near5 ((low near4 pass) low-pass LPF)) same (frequency near4 bands)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 17:24
S85	368	(difference near7 input near5 (low-pass (low near3 pass) LPF)) same (frequency band)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 17:24
S86	13	(difference near7 input near5 (low-pass (low near3 pass) LPF)) same (frequency band) same (series cascad\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 17:28
S87	7	(difference near7 input near5 (low-pass (low near3 pass) LPF)) same (band) same (series cascad\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 17:28
S88	28	(difference near7 input near5 (low-pass (low near3 pass) LPF)) same (succession series cascad\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/31 17:31
S89	94	(frequency near4 band) with ((series cascad\$) near5 low near4 pass)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/01 08:25



## EAST Search History

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S90	30	("5263019" or "5365583" or "5787183" or "6731767" or "6097824" or "6434246" or "6381570" or "6324509" or "5550924" or "5305307" or "6282176" or "6212273" or "5778082" or "6351731" or "6721411").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/01 08:30
S91	3072	(704/200.1 704/205 704/206 704/207 704/225 704/201).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/01 08:30
S92	10949	(dynamic near4 range) and (threshold) and (gain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 08:59
S93	1631	(dynamic near4 range) and (threshold) near8 (gain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 08:59
S94	118	S93 and 70\$/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 08:59
S95	58	(dynamic near4 range) and (threshold) near8 (gain) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 09:00
S96	40	(dynamic near4 range) and (threshold) near8 (gain) and (frequency near6 band) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 09:18
S97	608	(dynamic near4 range) and (threshold) near8 (gain) and (frequency near6 band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 09:21

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S98	177	((alter\$4 adjust\$4 chang\$4 control controlling modify\$4) near6 (dynamic near4 range)) and (threshold) near8 (gain) and (frequency near6 band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 09:26
S99	0	((alter\$4 adjust\$4 chang\$4 control controlling modify\$4) near6 (dynamic near4 range)) and (threshold) near8 (gain near7 feedback) and (frequency near6 band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 09:26
S100	4	((alter\$4 adjust\$4 chang\$4 control controlling modify\$4) near6 (dynamic near4 range)) and (threshold) near8 (gain near7 feedback) and (frequency near6 band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 09:26
S101	97	((alter\$4 adjust\$4 chang\$4 control controlling modify\$4) near6 (dynamic near4 range)) and (threshold) near8 ((gain near7 (control feedback)) agc) and (frequency near6 band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 10:20
S102	241	((alter\$4 adjust\$4 chang\$4 control controlling modify\$4) near6 (dynamic near4 range)) and (threshold) same ((gain near7 (control feedback)) agc) and (frequency near6 band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 09:27
S103	7	((alter\$4 adjust\$4 chang\$4 control controlling modify\$4) near6 (dynamic near4 range)) and (threshold) near8 ((gain near7 (control feedback)) agc) and (frequency near6 band) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 11:15
S104	3	((compress\$4 expand\$4) near6 (dynamic near4 range)) and (threshold) near8 ((gain near7 (control feedback)) agc) and (frequency near6 band) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 11:15
S105	67	((compress\$4 expand\$4) near6 (dynamic near4 range)) and (threshold) near8 ((gain near7 (control feedback)) agc) and (frequency near6 band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 11:23

## EAST Search History



S10 6	0	((compress\$4 expand\$4) near6 (perceptual near4 range)) and (threshold) near8 ((gain near7 (control feedback)) agc) and (frequency near6 band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 11:26
S10 7	0	((compress\$4 expand\$4) near6 (perceptual near4 range)) and (threshold) near8 ("gain adjusted") and (frequency near6 band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 11:27
S10 8	7	((compress\$4 expand\$4 increas\$4 decreas\$4 alter\$4 adjust\$4 chang\$4 control controlling modify\$4) near6 (dynamic near4 range)) and (threshold) near8 ("gain adjusted") and (frequency near6 band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 11:56
S10 9	0	((compress\$4 expand\$4 increas\$4 decreas\$4 alter\$4 adjust\$4 chang\$4 control controlling modify\$4) near6 (dynamic near4 range)) and (threshold) near8 ("gain adjusted") and (frequency near6 subband)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 11:54
S11 0	23	((compress\$4 expand\$4 increas\$4 decreas\$4 alter\$4 adjust\$4 chang\$4 control controlling modify\$4) near6 (dynamic near4 range)) and (level limit) near8 ("gain adjusted") and (frequency near6 band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 12:19
S11 1	360	((compress\$4 expand\$4 increas\$4 decreas\$4 alter\$4 adjust\$4 chang\$4 control controlling modify\$4) near6 (dynamic near4 range)) near9 (band subband)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 12:19
S11 2	97	((compress\$4 expand\$4 increas\$4 decreas\$4 alter\$4 adjust\$4 chang\$4 control controlling modify\$4) near6 (dynamic near4 range)) near9 (band subband) and (gain near9 (limit threshold level))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 14:04
S11 4	193	crossover near7 (band) and (speech voice audio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 14:00

## EAST Search History

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S11 5	2	two-way near4 crossover near7 (band) and (speech voice audio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 14:00
S11 6	3	((compress\$4 expand\$4 increas\$4 decreas\$4 alter\$4 adjust\$4 chang\$4 control controlling modify\$4) near6 (dynamic near4 range)) near9 (band subband) near5 (five "5")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 14:06
S11 7	5	multi-band near5 crossover	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 14:09
S11 8	467	band near5 crossover	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 14:10
S11 9	67	band near5 crossover same (audio voice speech)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 14:23
S12 0	13	S119 and (dynamic near3 range)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 14:17
S12 1	5	S119 and ((negative near4 attack near4 time) NATL)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 14:22
S12 2	8	band near5 crossover same (audio voice speech) and "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 14:32

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S12 3	22	negative near4 attack near4 time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 14:33
S12 4	13	S123 and (audio speech voice)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 14:34
S12 5	225	(limit\$4 clip\$4) near7 gain near7 (proceeding future following)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 14:36
S12 6	26	S125 and (dynamic near4 range)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 14:35
S12 7	13	(limit\$4 clip\$4) near7 gain near7 (predictor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 14:41
S12 8	120	(attack near4 time) near7 gain and (dynamic near5 range)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 14:47
S12 9	10	S128 and crossover	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 16:33
S13 0	989	(audio speech voice) and ("64" near5 gain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 16:34



## EAST Search History

S13 1	26	(audio speech voice) and ("64" near5 sample near6 gain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 09:43
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